

Abstract

A polyacetal resin composition having high rigidity and also excellent in dimensional stability and creep characteristics is provided. A polyacetal resin composition prepared by blending (A) 99.9 to 90 parts by weight of a linear polyacetal resin having a melt index of 1 to 50 g/min obtained by copolymerizing (a) 99.5 to 97.5% by weight of trioxane and (b) 0.5 to 2.5% by weight of a compound selected from a mono-functional cyclic ether compound and a mono-functional cyclic formal compound, with

(B) from 0.1 to 10 parts by weight of a branched or crosslinked polyacetal resin having a melt index of 0.1 to 10 g/min obtained by copolymerizing (a) 99.49 to 95.0 % by weight of trioxane, (b) 0.5 to 4.0% by weight of a compound selected from a mono-functional cyclic ether compound and mono-functional cyclic formal compound and (c) 0.01 to 1.0% by weight of a poly-functional glycidyl ether compound with the number of functional groups of 3 to 4, in which

(A) and (B) are selected so that the ratio between the melt index of (A) and the melt index of (B) can satisfy the relation of the following formula:

$$0.02 \leq MI_B / MI_A \leq 1.5 \quad (1)$$

(where MI_A is a melt index of (A) and MI_B is a melt index of (B)).